



EUROPEAN ASSOCIATION FOR DEVELOPMENTAL CARE | EADCare
ASSOCIATION EUROPEENNE POUR LES SOINS DE SOUTIEN AU DEVELOPPEMENT | AESSD

Advancing in Early Paediatric Rehabilitation and Motricity

Bridging the gap between research and clinical practice

Friday 11th October, 2024

Campus Biotech, Geneva, Switzerland

On behalf of the European Association of Developmental Care (EADCare), we are delighted to extend an invitation at our upcoming Congress on Advancing in Early Pediatric Rehabilitation and Motricity.

The event is scheduled to take place on Friday 11th October 2024, at Campus Biotech in Geneva, Switzerland.

Our principal aim is to bring together professionals and experts in the field of paediatric rehabilitation, and motricity, to explore the latest advancements in the field and to collectively bridge the gap between research and practice for the benefit of the paediatric population.

More specifically, our congress is dedicated to achieving several key objectives:

Knowledge Exchange: We aim to create a context for the exchange of knowledge, research findings, and best practices in paediatric rehabilitation and motricity.

Innovative Therapeutic methods: We will showcase innovative therapies, and interventions that empower healthcare professionals to face developmental disabilities and patient's physical and developmental challenges.

Multidisciplinary Collaboration: The congress will foster interdisciplinary collaboration among experts in various fields, including pediatrics, rehabilitation, neurology, physical therapy, and more...

By exploring the latest research and evidence-based approaches, with a specific attention to early diagnosis, early intensive rehabilitation and innovative approach we aim at improving patient outcomes and enhance the quality of life for the children and their families.

Key Topics

Our congress will cover a wide range of topics, including but not limited to:

- Early diagnosis tools for CP
- Innovative early interventions and the importance of developmental milestones
- Cognitive and psychosocial aspects of cerebral palsy and motor disabilities
- The role of motor therapy in presence of cerebral palsy and motor disabilities
- Advances in technology and assistive devices for children with mobility challenges, towards an individualized medicine

We look forward to your presence and your invaluable contribution in the field. Together, we can make this event a remarkable and insightful experience.

Organizing and scientific Committee:

Prof. Petra Hüppi, Dre Marine Cacioppo, Mme Myrtha Martinet, Mme Mireille Rossi, Mme Manuela Filippa, Dre Cristina Borradori PD, Dr Joël Fluss PD, Prof. Stéphane Sizonenko



Courtesy of parents and Prof. Y. Bleyenheuft

Program

Welcome

8.30-8.45 **Petra Hüppi**, President of EADCare

Interplay between motricity and cognition

Petra Hüppi

- 8h45-9h15 **Catherine Thevenot**: Early motricity and cognition: The relation between finger counting and arithmetical skills.
- 9h15-9h45 **Christine Assaiante**: Visual factors in the child's gait: effects on locomotor skills

Improving diagnosis of Cerebral Palsy

Joel Fluss

- 9h45-9h10h15 **Andrea Guzzetta**: Screening and markers for cerebral palsy
- 10h15-10h45 **Marine Cacioppo - Christopher Newman**: From laboratory to daily life: how do children with CP move?

10h45-11h15 Coffee

Early intervention I

Marine Cacioppo

- 11h15-11h35: **Stéphane Sizonenko**: Biological changes induced by HABIT-ILE like early intervention in preclinical CP model.
- 11h35-12h05 **Yannick Bleyenheuft**: Intensive interventions in toddlers and infants with cerebral palsy: insights from 4 randomized trials using hand and arm bimanual intensive therapy including lower extremities (HABIT-ILE)
- 12h05-12h30 **Parents**: The HABIT-ILE experience as seen by parents

Lunch and poster viewing 12h30-14h00

Early intervention II

Cristina Borradori Tolsa

- 14h00-14h30 **Rachel Bard-Pondaré**: Early parental bimanual stimulation: feasibility and impact on bimanual function in babies at risk or with cerebral palsy
- 14h30-15h **Marianne Barbu-Roth**: Early crawling training after NICU discharge: a solution to improve motor and cognitive development in very premature infants?
- 15h-15h30 **Chantal Junker-Tschopp**: Psychomotricity in the care of Cerebral Palsy

New technologies for rehabilitation

Stéphane Sizonenko

- 15h30-16h **Sebastian Grunt**: Assessing rehabilitation effects in pediatric hemiparesis through Brain Imaging: Insights into Neuroplasticity
- 16h-16h30 **Adrian Guggisberg**: Non-invasive brain stimulation in adults and implications for children with CP
- 16h30-16h45 **Joël Fluss**: Conclusions and perspectives

Talks in English or French with slides in English

Posters

You are welcome to submit abstract of your work for poster presentation.

Deadline for submission is **20 September 2024**, one page, 250 words maximum, send to contact@eadcare.org

Registration

Registration is open until **Sunday 6 October**, Fees 170.- CHfr.

[Link for registration and payment](#)

Continuous education credits :

Société Suisse de Pédiatrie : 6 credits

For Société Suisse de Neuropédiatrie, Société Suisse de Pédiatrie du Développement pending.

Speakers :

Prof. Petra S. Hüppi : Division of Child Development and Growth, Geneva University Hospitals, Switzerland.

Prof. Catherine Thevenot : Brain and Cognitive Development Laboratory (LABCD), Institute of Psychology, University of Lausanne, Switzerland

Prof. Christine Assaiante : Cognitive Neurosciences Laboratory, CNRS, Aix-Marseille University, France

Prof. Andrea Guzzetta : Stella Maris Infant Lab for Early Intervention, University of Pisa, Italy

Dr. Marine Cacioppo : Pediatric Neurology Unit, Geneva University Hospitals, Switzerland

Prof. Christopher Newman : Pediatric Neurology and Neurorehabilitation Unit, Nestlé CHUV Hospital, Lausanne, Switzerland

Prof. Stéphane Sizonenko : Division of Child Development and Growth, Geneva University Hospitals, Switzerland.

Prof. Yannick Bleyenheuft : Institute of Neuroscience, Catholic University of Louvain, Brussels, Belgium
Parents, Geneva

Rachel Bard-Pondarré: Pediatric neuro-orthopedics, Centre des Massues - French Red Cross, Lyon, France

Dr Marianne Barbu-Roth: Integrative Neuroscience & Cognition Center-UMR 8002 CNRS-University of Paris Cité, Paris, France

Prof. Chantal Junker-Tschopp : School of Social Work, psychomotricity section, Geneva, Switzerland

Prof. Sebastian Grunt : Development and Rehabilitation Unit, Pediatric Clinic, Inselspital, University Hospital Bern, Switzerland

Prof. Adrian Guggisberg: Division of Neurorehabilitation, Geneva University Hospitals, Switzerland

Dr. Joël Fluss: Pediatric Neurology Unit, Geneva University Hospitals, Switzerland

Dr. Cristina Borradori: Division of Child Development and Growth, Geneva University Hospitals, Switzerland